

Appl. No. 10/695,144
Amendment and/or Response
Reply to Office action of 19 May 2005

Page 4 of 8

Amendments to the Claims:

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-17. (Canceled)

18. (Previously presented) A reflective active matrix liquid crystal display device comprising

a liquid crystal layer dispersed between an active and a passive substrate plate,

the active substrate plate being present on the side opposite the viewing side and comprising

a plurality of optically transparent pixel electrodes and

a plurality of active switching elements for controlling the voltage supplied to said pixel electrodes,

the switching elements being spatially separated from, positioned subjacent and electrically connected to said plurality of pixel electrodes,

wherein the space separating the switching elements and the pixel electrodes is filled with an electrically insulating color selection layer which selectively reflects light of particular wavelengths and renders the switching elements invisible to the light reflected.

19. (Previously presented) The liquid crystal display device of claim 18, wherein

a light-absorbing layer for absorbing light transmitted by the color selection layer is located between the color selection layer and the active switching elements.

Appl. No. 10/695,144
Amendment and/or Response
Reply to Office action of 19 May 2005

Page 5 of 8

20. (New) The liquid crystal display device of claim 18, wherein
the color selection layer is patterned with discrete areas of at least two
different reflective colors.
21. (New) The liquid crystal display device of claim 20, wherein
the at least two different reflective colors include red, green, and blue.
22. (New) The liquid crystal display device of claim 18, wherein
the switching elements are electrically connected to the pixel electrodes by
vias that traverse the color selection layer.
23. (New) The liquid crystal display device of claim 18, wherein
the pixel electrodes provide an area of light emission that corresponds to at
least 85% of a total display area.
24. (New) The liquid crystal display device of claim 18, wherein
an alignment of the passive substrate plate within the device is substantially
independent of an alignment of the color selection layer.